

ABSTRACT

A kit for reinforcing the wing spar attachment of Lake models of amphibious airplanes. The kit includes two filler-straps and two doubler-straps for each wing spar, and the necessary bolts, rivets, washers and nuts to attach the straps to the wing spar web. The doubler-straps are constructed to fit all models of Lake amphibious airplanes; the thickness of the filler-straps is, however, specific to the model of airplane or the model of wing in which they are to be installed. The doubler-straps and the filler-straps are pre-treated to protect them against corrosion and are marked so as to preclude incorrect inspection. The inboard end of the doubler-strap is angled to correspond to the angle of the wing spar relative to a vertical plane of the airplane.